



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
901 NORTH 5TH STREET
KANSAS CITY, KANSAS 66101

19 MAR 2004

Mo DNR copy
scanned with
Anne Peery's (TMDL
Unit) notes.

Mr. Jim Hull, Director
Water Protection Program
Water Protection and Soil Conservation Division
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, Missouri 65102

Dear Mr. Hull:

Since December 17, 2003, when the U.S. Environmental Protection Agency (EPA) formally notified Missouri Department of Natural Resources (MDNR) of the decision to amend Missouri's 303(d) list, we have received, and responded to, email messages from your staff seeking clarification about the amended list. In addition, MDNR recently provided EPA with an Excel spreadsheet of the final 2002 Section 303(d) list, which we understand the State wants to publish on its website. Please keep in mind that EPA has taken final action on Missouri's 2002 list and substantive changes to the EPA approved list should occur during the next listing cycle.

We understand that MDNR is in the process of revising the State's 2002 list to include a category of waterbodies for which "TMDLs Have Been Developed and Implementation is in Process". After reviewing this list (excel spreadsheet), we suggest that Missouri's revised list include a statement clarifying that it may not be the same as the EPA approved Missouri 2002 list. Since several Missouri TMDLs have been approved since EPA's April 23, 2003 decision letter, we are concerned that such changes might result in a 303(d) list different from that approved by EPA's April 29 and December 17, 2003 decision and amended decision letters.

Attached to this letter is a copy of a list of EPA approved TMDLs and a simplified version of the final 303(d) list. Please note that the waterbodies approved for delisting in enclosure 3 of EPA's April 29, 2003 decision letter have been removed from this list.

A. Summary of EPA Response to Emails from MDNR Staff

① Overall, the mileages and location or coordinate information for waters and associated pollutants added back by EPA should be the same as what was included on Missouri's EPA approved 1998 303(d) list.

2. An unclassified segment of Sewer Branch (upstream of the classified portion) is included on the EPA approved Missouri 2002 303(d) list for low dissolved oxygen. It is EPA's

Sewer Branch

understanding that this impaired unclassified segment has been identified, by Missouri, as WBID #9004. Any reference to WBID #860 as the impaired segment listed by EPA was an oversight.

3. EPA's decision to change NFR or Sediment to NVSS, VSS, and NVSS/VSS for 22 waterbodies was based on documentation provided by the State in the form of descriptive visual-benthic field data sheets. MDNR provided no such documentation to support a change from NFR to VSS for Gabriel Creek, WBID #883. However, the State's Excel spreadsheet still lists Gabriel Creek for BOD and VSS. This is not consistent with the EPA approved Missouri 2002 303(d) list.

4. The EPA approved 2002 303(d) list includes 82 miles of the Osage River, WBID #1031, as impaired by mercury. EPA's December 23, 2003 amended decision letter further addresses Osage River on pages 16 & 17. *No Osage for sand & gravel*
(§ pg 33)

5. In its December 23, 2003 amended decision letter, EPA added NVSS as a pollutant to Elkhorn Creek WBID #189 (Missouri's approved 2002 list includes two miles of Elkhorn Creek.)
No Elkhorn 1.2 mi for sed.

B. In addition to the above summary of clarifications, we offer the following comments:

1. In its December 23, 2003 amended decision letter, following public comment, EPA removed Missouri River WBID #s356 & 226 for mercury from Missouri's list.

2. EPA used WBID #2375, provided on the EPA approved 1998 list, for Pearson Creek. MDNR's excel spreadsheet links Pearson Creek with WBID #2373. Unless the 1998 WBID # was incorrect the excel spreadsheet should be corrected.

3. In its amended decision letter, EPA changed the pollutant for Rocky Fk., WBID #1014 from sediment to NVSS.

4. The EPA approved 2002 list identifies the WBID number for Barker's Cr. Trib as #1211, the new MDNR spreadsheet has #9000.

If you have questions, or would like to further discuss this matter, please myself at 913 551-7820 or Royan Teter at (913) 551-7609.

Sincerely,



Cheryl A. Crisler
Chief

Water Quality Management Branch

March 15, 2004

Missouri's TMDL Approved by EPA

Waterbody	Waterbody ID	Date	Pollutant
Clear Creek	3239	December 1, 1999	BOD
Clear Creek	3239	December 1, 1999	TSS
Clear Creek	3239	December 1, 1999	Ammonia
Goose Creek	2860	December 1, 1999	Nickel
North Moreau Creek	942	December 1, 1999	NFR
Rock Creek	1714	December 1, 1999	BOD
Rock Creek	1714	December 1, 1999	Ammonia
Rush Creek	278	December 1, 1999	BOD
Rush Creek	278	December 1, 1999	NFR
Little Muddy	856	January 12, 2001	Temp
Trib to Little Muddy	3490	January 12, 2001	Temp
Eleven Point River	2604	January 12, 2001	Chlorine
Saline Creek	2859	January 12, 2001	BOD
Saline Creek	2859	January 12, 2001	Ammonia
Cedar Creek	737	January 30, 2001	pH
Cedar Creek	737	January 30, 2001	Sulfate
Davis Creek	912	January 31, 2001	BOD
Davis Creek	912	January 31, 2001	Ammonia
Howell Creek	2582	January 31, 2001	Chlorine
Piney Creek	2614	January 31, 2001	Chlorine
James River	2347	May 7, 2001	Nutrients
James River	2362	May 7, 2001	Nutrients
James River	2365	May 7, 2001	Nutrients
Lake St, Louis	7054	November 19, 2001	Chlordane
Creve Coeur Lake	7255	November 19, 2001	Chlordane
Blue River	417	November 19, 2001	Chlordane
Blue River	418	November 19, 2001	Chlordane
Blue River	419	November 19, 2001	Chlordane
Blue River	421	November 19, 2001	Chlordane
Pleasant Hill Lake	7211	November 19, 2001	Chlordane
East Whetstone Creek	1505	January 28, 2002	BOD
Brushy Creek (Fork)	859	February 11, 2002	BOD
Brushy Creek (Fork)	859	February 11, 2002	Ammonia
Brushy Creek (Fork)	859	February 11, 2002	NFR
Muddy Creek	855	February 11, 2002	BOD
Sugar Creek	686	December 19, 2002	pH
Shoal Creek	3230	November 18, 2003	Fecal coliform
Kelly Branch	1016	December 19, 2003	Habitat loss associated with sedimentation
Rocky Fork	1014	December 19, 2003	Sediment
Jacks Fork River	2681	January 21, 2004	Fecal Coliform
McDaniel Lake	7236	February 3, 2004	Nutrients
Middle Fork Tebo Creek	1284	February 12, 2004	Sulfate
Trib to M Fk Tebo Creek	1288	February 12, 2004	Sulfate
Trib to M Fk Tebo Creek	1288	February 12, 2004	pH
W. Fk. Tebo Creek	1292	February 12, 2004	Sulfate
Tributary to Barkers Creek	9000	February 12, 2004	Sulfate
Tributary to Barkers Creek	9000	February 12, 2004	pH

Missouri's EPA Approved 2002 303(d) List
Based on EPA's Decision Letter of April 29, 2003 and
Amended Decision Letter of December 17, 2003
March 15, 2004

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
9000	Barker's Cr. Trib.	0.3	Mi	pH, sulfate	Grey AML	NE28,42N,24W	SE21,42N,24W	Henry		M
Uncl.	Bear Cr.			Unknown				Adair		
7186	Ben Branch Lake	45	Ac	Mercury	Atmospheric Deposition	I4,44N,8W		Osage		M
7109	Bethany Res.	78	Ac	Mercury	Atmospheric Deposition	SE27,64N,28W		Harrison		M
1746	Big Bottom Cr.	0.5	Mi	BOD, VSS	Lake Forest Subdivision	NE36,38N,7E	SE36,38N,7E	Ste. Genevieve		H
2916	Big Cr.	4	Mi	Metals	Glover Lead Smelter	NE27,32N,3E	SW2,32N,3E	Iron		H
1250	Big Cr			Sediment						H
436	Big Muddy Cr			Sediment						H
1224	Big Otter Cr.	1	Mi	pH	Otter Creek AML	C29,40N,25W	NE31,40N,25W	Henry		M
1225	Big Otter Cr. Trib.	1	Mi	pH	Otter Creek AML	NE31,40N,25W	N5,39N,25W	Henry	St. Clair	M
2074	Big R.	53	Mi	Lead	Old Lead Belt AML	NW18,43N,4E	3166,40N,3E	Jefferson		H
2080	Big R.	40	Mi	Lead, NVSS	Old Lead Belt AML	3166,40N,3E	33,37N,4E	St. Francois		H
3250	Big Sugar Cr.	31	Mi	Nutrients	Livestock Production	SW34,22N,32W	27,21N,29W	McDonald	Barry	L
2769	Black R.	45	Mi	Mercury	Atmospheric Deposition	State Line	16,25N,6E	Butler		M
653	Blackbird Cr			Sediment						H
417	Blue R.	4	Mi	Chlordane	Urban NPS	SW20,50N,32W	1,49N,33W	Jackson		M
418	Blue R.	9	Mi	Chlordane	Urban NPS	1,49N,33W	36,49N,33W	Jackson		M
419	Blue R.	9	Mi	Chlordane	Urban NPS	31,49N,32W	SE28,48N,33W	Jackson		M
421	Blue R.	2	Mi	Chlordane	Urban NPS	SE28,48N,33W	E4,47N,33W	Jackson		M
7370	Bluestem Lake	15	Ac	Mercury	Atmospheric Deposition	22,47N,31W		Jackson		M
2034	Bourbeuse R.	132	Mi	Mercury	Atmospheric Deposition	mouth	4,39N,6W	Franklin	Phelps	M
1371	Brush Cr.	0.2	Mi	BOD, VSS	Humansville WWTP	SW16,35N,24W	SW16,35N,24W	Polk		H
1592	Brushy Cr.	0.4	Mi	BOD, VSS	Houston WWTP	NE6,30N,9W	NE6,30N,9W	Texas		H

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
3269	Buffalo Cr.	10 Mi	Nutrients	Nutrients	Livestock Production	NW9,22N,34W	5,23N,33W	McDonald		L
3273	Buffalo Cr.	5.5 Mi	Nutrients	Nutrients	Livestock Production	5,23N,33W	14,24N,33W	McDonald		L
3118	Buffalo Ditch	3 Mi	BOD	BOD	Kennett WWTP	NE26,18N,9E	C14,18N,9E	Dunklin		H
709	Bynum Cr.	0.3 Mi	NVSS	NVSS	Auxvasse Stone Quarry	S34,49N,9W	S34,49N,9W	Callaway		L
709	Bynum Cr.									L
9000	Cave Spring Br.	0.2 Mi	Nutrients	Nutrients	Simmons Ind., Livestock	W21,21N,34W	W21,21N,34W	McDonald		H
737	Cedar Cr.	4 Mi	pH, Sulfate	pH, Sulfate	Cedar Creek AML	N34,49N,11W	C15,49N,11W	Callaway		H
	Cedar Cr.	1 Mi	Sulfate	Sulfate	Manacle Creek AML	W10,48N,11W	SW3,48N,11W	Callaway		M
3203	Center Cr.	11 Mi	Zinc	Zinc	Tristate AML	W14,28N,34W	W5,28N,32W	Jasper		M
1336	Clear Creek		Sediment	Sediment						H
3239	Clear Cr.	3 Mi	Nutrients	Nutrients	Monett WWTP	28,26N,28W	36,26N,28W	Lawrence		H
7326	Clearwater Res.	1650 Ac	Mercury	Mercury	Atmospheric Deposition	NE6,28N,3E		Wayne		M
7090	Cooley Lake	300 Ac	Mercury	Mercury	Atmospheric Deposition	SE2,51N,30W		Clay		M
7135	Crowder SP Lake	18 Ac	Mercury	Mercury	Atmospheric Deposition	I2,61N,25W		Grundy		M
221	Dardenne Creek		Unknown Pollutant	Unknown Pollutant	Urban/Rural NPS					L
690	Dark Cr.	8 Mi	Sulfate	Sulfate	Crutchfield AML	NE31,54N,15W	34,55N,15W	Randolph		M
912	Davis Cr.	2 Mi	BOD, Nutrients	BOD, Nutrients	Odessa SE WWTP	SE10,48N,27W	N9,48N,27W	Lafayette		H
7015	Deer Ridge Comm. Lake	48 Ac	Mercury	Mercury	Atmospheric Deposition	I8,62N,8W		Lewis		M
3050	Ditch #1	44 Mi	Mercury	Mercury	Atmospheric Deposition	Slate Line	27,29,12E	Dunklin	New Madrid	M
510	Dog Cr.	0.2 Mi	NVSS	NVSS	Traeger Quarry	NW13,58N,28W	NW13,58N,28W	Daviess		L
3168	Douget Br.	2 Mi	Zinc	Zinc	Aurora AML	C11,26N,26W	W7,26N,25W	Lawrence		M
1145	Dry Auglaize Cr.		Unknown	Unknown						
811	E. Brush Cr.	1 Mi	Nutrients BOD,NFR	Nutrients BOD,NFR	California N. WWTP	SW10,45N,15W	C16,45N,15W	Moniteau		L

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
619	E. Fk. Medicine Cr			Sediment						L
1282	E. Fk. Tebo Cr.	1 Mi		pH	Triple Tipple AML	C2,43N,24W	NW35,44N,24W	Henry		H
7026	Edina Res.	51 Ac		Atrazine, Cyanazine	Corn&Sorghum Production	NE12,62N,12W		Knox		H
2593	Eleven Point R.	21 Mi		Mercury	Atmospheric Deposition	State Line	18,24N,2W	Oregon		M
3246	Elk R.	21.5 Mi		Nutrients	Livestock Production	SW21,22N,34W	34,22N,32W	McDonald		L
189	Elkhorn Cr.	2 Mi		BOD, VSS	Montgomery City WWTP	9,49N,5W	21,49N,5W	Montgomery		H
7237	Fellows Lake	820 Ac		Nutrients	Ag.&Suburban NPS	NE22,30N,21W		Greene		L
	Fellows Lake			Mercury	Atmospheric Deposition	NE22,30N,21W		Greene		M
1605	Femme Osage Slough	5.5 Mi		Mercury	Atmospheric Deposition	mouth	29,45N,2E	St. Charles		M
865	Flat Cr			Sediment						H
2168	Flat River Cr.	5 Mi		Lead, NVSS	Old Lead Belt AML	Sur.83,37,5E	NW18,36,5E	St. Francois		II
	Flat River Cr.	5 Mi		Zinc	Elvins tailings pile	Sur.83,37,5E	NW18,36,5E	St. Francois		M
37	Fox R.	12 Mi		Manganese	Natural	6,63N,5W	SE6,64N,6W	Clark		L
7382	Foxboro Lake	25 Ac		Mercury	Atmospheric Deposition	14,42N,4W		Franklin		M
883	Gabriel Cr.	1 Mi		NFR, BOD	2 Slover Lagoons	SE34,43N,19W	NE3,42N,19W	Morgan		H
1455	Gasconade R.	249 Mi		Mercury	Atmospheric Deposition	mouth	6,29N,14W	Gasconade	Wright	M
2860	Goose Cr.	0.5 Mi		Nickel	Madison Mine outflow	SW10,33N,7E	C15,33N,7E	Madison		H
2184	Grand Glaize Cr.	4 Mi		Mercury	Atmospheric Deposition	mouth	9,42N,5E	St. Louis		M
7384	Grindstone Res.	180 Ac		Mercury	Atmospheric Deposition	NW8,57N,30W		DeKalb		M
442	Hickory Creek			Unknown				Davies		L
589, 588	Hickory Creek			Unknown				Grundy		L
1007	Hinkson Cr			Unknown						M
554	Honey Cr			Sediment						L
1251	Honey Cr.	3 Mi		Sulfate	Reliant Shop AML	SW10,42N,27W	NE11,42N,27W	Henry		M
3413	Horseshoe Cr.	3.1 Mi		BOD, NH3N	2 Oak Grove L.gns.	C 21,49N,29W	SW34,49,29	Jackson	Lafayette	H

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	County	County	Priority for Analysis
7388	Hough Park Lake	7 Ac	Mercury	Atmospheric Deposition	19,44N,11W			Cole		M
2582	Howell Cr.	0.3 Mi	Chlorine	West Plains WWTP	W26,24N,8W	NE27,24N,8W		Howell		H
7207	HIS Truman Lake	10000 Ac	Manganese	Natural	7,40N,23W			Benton	Bates	L
7029	Hunnewell Lake	228 Ac	Mercury	Atmospheric Deposition	SW25,57N,9W			Shelby		M
2112	Indian Camp Cr.	0.3 Mi	NH3, NVSS	JZ Landfill	10,47N,1W	10,47N,1W		Warren		M
3256	Indian Cr.	26 Mi	Nutrients	Livestock Production	NW1,21N,33W	24,24N,31W		McDonald	Newton	L
1946	Indian Cr.		Zinc					Washington		L
	Indian Cr.		Fecal Coliform					Jackson		L
7288	Indian Hills Lake	326 Ac	Mercury	Atmospheric Deposition	22,39N,5W			Crawford		M
2681	Jack's Fork R.	7 Mi	Fecal Coliform	Organic wastes	S9,29N,3W	E26,29N,4W		Shannon		M
2347	James R.	28 Mi	Nutrients	Urban Point & NPS	10,24N,24W	8,26N,22W		Stone	Christian	M
"	James R.		Mercury	Atmospheric Deposition	10,24N,24W	8,26N,22W		Stone		M
2362	James R.	26 Mi	Nutrients	Urban Point & NPS	8,26N,22W	SE19,28N,21W		Christian	Greene	M
"	James R.		Mercury	Atmospheric Deposition	8,26N,22W	Lake Spfd.		Stone	Greene	M
2365	James R.	4.5 Mi	Nutrients	Urban NPS	SE16,28N,21W	SE35,29N,21W		Greene		M
7105	Jamesport City Lake	30 Ac	Mercury	Atmospheric Deposition	NE20,60,26			Davies		M
7196	Knob Noster SP Lakes	24 Ac	Mercury	Atmospheric Deposition	29,46N,28W			Johnson		M
623	L. Medicine Cr.		Sediment							H
3490	L. Muddy Cr. Trib. (a.k.a. Tyson's Br)	0.4 Mi	Temperature	Tyson's Foods Inc.	NW13,46N,22W	NE14,46N,22W		Pettis		H
1381	L. Sac R.	27 Mi	Fecal Coliform	Pi/NP Sources*	2,32N,24W	NW34,30N,22W		Polk	Greene	M
3249	L. Sugar Cr.	11 Mi	Nutrients	Pi/NP Sources	SW34,22N,32W	S34,21N,31W		McDonald		L

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
7023	LaBelle No.2 Lake	112	Ac	Atrazine, Cyanazine	Corn&Sorghum Production	NE16,61N,9W		Lewis		H
	LaBelle No. 2			Mercury	Atmospheric Deposition					M
7205	Lake of the Ozarks			Low DO, Supersaturation, Fish Trauma						M
7436	Lake of the Woods	3	Ac	Mercury	Atmospheric Deposition	NE2,48N,12W		Boone		M
7055	Lake Ste. Louise	50	Ac	Fecal Coliform	Urban Runoff	28,47N,2E		St. Charles		M
875	Lake Cr			Sediment						L
7314	Lake Taneycomo			Low DO						M
7356	Lamar Lake	180	Ac	Nutrients	Ag.NPS	NW32,32N,30W		Barton		L
847	Lamine R.	54	Mi	Mercury	Atmospheric Deposition	mouth	13,45N,19W	Cooper		M
3105	Lat. #2 Main Ditch			Sediment						H
7020	Lewistown Res.	27	Ac	Atrazine, Cyanazine	Corn&Sorghum Production	SW8,61N,8W		Lewis		H
1529	Little Beaver Cr.	0.1	Mi	VSS, NVSS	Rolla SW WWTP	NE17,37N,8W	NE17,37N,8W	Phelps		H
423	Little Blue R.	22	Mi	Mercury	Atmospheric Deposition	21,49,31	Longview Dam	Jackson		M
1438	Little Lindley Cr.	1	Mi	BOD, VSS	Buffalo WWTP	NE16,34N,20W	W15,34N,20W	Dallas		H
856	Little Muddy Cr.	0.7	Mi	Temperature	Gyson's Foods Inc.	NE13,46N,22W	NW13,46N,22W	Pettis		H
248	Little Tarkio Cr.			Sediment						H
3652	Little Osage River			Low DO						L
7171	Long Branch Res	2430	Ac	Mercury	Atmospheric Deposition	NW18,57N,14W		Macon		M
857	Long Branch			Unknown				Pettis/Johnson		L

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
602	Long Branch Creek			Unknown				Linn		L
7097	Longview Res.	930 Ac		Mercury	Atmospheric Deposition	20,47N,32W		Jackson		M
63	M. Fabius R.	57 Mi		Manganese	Natural	NE29,60N,6W	22,64N,12W	Lewis	Scotland	L
121	M. Fk. Salt River			Sediment						L
1284	M. Fk. Tebo Cr.	5.5 Mi		Sulfate	Newcastle, other AML	SE31,43N,24W	SE7,43N,24W	Henry		M
1288	M. Fk. Tebo Cr. Trib.	1.5 Mi		Sulfate	Newcastle Tipple AML	SE7,43N,24W	SW6,43N,24W	Henry		M
	M. Fk Tebo Cr. Trib.	2 Mi		pH, sulfate	Newcastle Tipple AML	SW6,43N,24W	NE36,44N,25W	Henry		M
3262	M. Indian Cr.	3 Mi		Nutrients	Livestock Production	I6,24N,30W	I2,24N,30W	Newton		L
3263	M. Indian Cr.	2.5 Mi		Nutrients	Livestock Production	C7,24N,30W	I6,24N,30W	Newton		L
2814	Main Ditch	5 Mi		VSS, BOD, Low DO	Poplar Bluff WWTP	C10,23N,6E	SE15,24N,6E	Butler		H
468	Main Fk Grand River			Sediment						H
742	Manacle Cr.	2 Mi		pH, Sulfate	Manacle Creek AML	SW3,48N,11W	S35,49N,11W	Callaway		M
7033	Mark Twain Lake	18600 Ac		Mercury	Atmospheric Deposition	26,55N,7W		Ralls	Monroe	M
1308	Marmaton River			Low DO						L
7236	McDaniel Lake	300 Ac		Nutrients	Ag. & Suburban NPS	SE26,30N,22W		Greene		L
2787	McKenzie Cr.	0.5 Mi		pH	Natural	NW3,29N,3E	SW34,30N,3E	Wayne		M
2786	McKenzie Cr.	2.5 Mi		BOD	Piedmont WWTP	mouth	SE34,29N,3E	Wayne		II
1846	Meramec R.	75 Mi		Mercury	Atmospheric Deposition	Meramec SP	22,38N,5W	Franklin	Crawford	M
1299	Miami Cr			Sediment						L
159	Mill Cr			Sediment						L
1; 3152; 1707	Mississippi R.			Chlordane, PCB						
1707	Mississippi R.	5 Mi		Lead, Zinc	Herculeaneum smelter	Scima, Mo.	Herculeaneum	Jefferson		H

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
1604, 701, 356, 226	Missouri River			Chlordane, PCB						L
1234	Monegaw Cr.	3 Mi		Sulfate	Montec AML	SW21,39N, 28W	NE8,39N, 28W	St. Clair		L
7031	Monroe City Route J Lake	94 Ac		Atrazine, Cyanazine	Corn&Sorghum Production	NE34,56N,7W		Ralls		II
1300	Mound Br.	1 Mi		BOD, Ammonia	Butler WWTP	N5,39N,31W	C34,40N,31W	Bates		H
557	Muddy Cr			Unknown				Mercer		L
674	Muscel Fork			Sediment						H
56	N. Fabius R.	82 Mi		Manganese, Sediment	Natural	24,59N,6W	26,67N,14W	Marion	Schuyler	M
3188	N. Fk. Spring River			Sediment						L
3260	N. Indian Cr.	5 Mi		Nutrients	Livestock Production	24,24N,31W	36,25N,30W	Newton		L
7316	Noblett Lake	26 Ac		Mercury	Atmospheric Deposition	25,26N,11W		Douglas		M
3041	Old Channel Little River			Sediment						H
1031	Osage R.	82 Mi		Mercury	Atmospheric Deposition	Mouth	Bagnell Dam	Osage	Miller	M
3268	Patterson Cr.	2 Mi		Nutrients	Livestock Production	NW16,22N,34W	NW11,22N,34W	McDonald		L
2375	Pearson Cr	1.5 Mi		Unknown Toxicity	Unknown					M
217	Peruque Cr.	4 Mi		NVSS	Urban/Rural NPS	SE32,47,2E	SE25,47,1E	St. Charles		M
218	Peruque Cr.	8.5 Mi		NVSS	Urban/Rural NPS	SE25,47,1E	SE23,47,1W	St. Charles		M
2614	Piney Cr.	0.1 Mi		Chlorine	Alton WWTP	NW2,23N,4W	NW2,23N,4W	Oregon		H
1444	Piper Cr.	0.5 Mi		VSS	Bolivar WWTP	6,33N,22W	6,33N,22W	Polk		H
2128	Pond Cr. Trib.	0.5 Mi		NVSS	Barite Tailings Pond	SW35,38N,3E	E3,37N,3E	Washington		L
2038	Red Oak Cr.	2 Mi		VSS	Owensville WWTP	31,42N,4W	36,42N,5W	Gasconade		H
3360	Red Oak Cr. Trib.	0.5 Mi		VSS	Owensville WWTP	36,42N,5W	35,42N,5W	Gasconade		II
3361	Red Oak Cr. Trib.	0.5 Mi		VSS	Owensville WWTP	35,42N,5W	27,42N,5W	Gasconade		H
	River Des Peres			Low DO	Urban NPS					L

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
1714	Rock Cr.	2	Mi	BOD, NH3	2 WWTPs	NW21,42N,6E	SE18,42N,6E	Jefferson		H
3326	Rocky Br.	0.4	Mi	BOD	KC, Rocky Br. WWTP	NE11,52N,33W	NE11,52N,33W	Clay		H
1014	Rocky Fk.	0.5	Mi	NVSS, Sediment	Finger Lakes AML	NE1,49N,13W	SE36,50N,13W	Boone		M
652	Sandy Creek			Unknown				Putnam		L
921	S. Fk. Blackwater River			Sediment						H
3259	S. Indian Cr.	9	Mi	Nutrients	Livestock Production	24,24N,31W	1,23N,30W	Newton		L
50	S. Wyaconda R.	9	Mi	Manganese	Natural	26,65N,9,W	4,65N,10W	Clark	Scotland	L
50	S. Wyaconda River			Sediment						H
2859	Saline Cr.	0.5	Mi	Nickel	Madison Mine outflow	SE9,33N,7E	SW10,33N,7E	Madison		H
2190	Saline Cr.	3.2	Mi	BOD, NH3	2 NESD WWTP's	E14,43N,5E	3011,43N,5E	Jefferson		H
103	Salt R.	10	Mi	Manganese, Iron	Cannon Dam	NE9,55N,6W	NE26,55N,7W	Pike	Ralls	L
91	Salt R.	29	Mi	Manganese	Cannon Dam	SE23,55N,3W	NE9,55N,6W	Ralls		L
	Salt R.			Mercury	Atmospheric Deposition	SE23,55N,3W	NE9,55N,6W	Ralls		M
7280	Schuman Park Lake	5	Ac	Mercury	Atmospheric Deposition	2,37N,8W		Phelps		M
1319	Second Nicholson Cr.	3	Mi	Sulfate	Many AML Areas	W4,32N,33W	C18,32N,33W	Barton		M
9004	Sewer Br			DO	Unknown Pt & NPS sources			Pettis		L
2170	Shaw Br.	2	Mi	Lead, NVSS	Federal AML	NE7,36N,5E	SW20,36N,4E	St. Francois		M
2120	Shibboleth Br.	0.5	Mi	NVSS	Barite Tailings Pond	NW22,38N,3E	NE21,38N,3E	Washington		L
3230	Shoal Cr.	13.5	Mi	Fecal Coliform	Unknown Ag. Sources	N15,25N,29W	I2,23N,28W	Newton	Barry	M
7077	Smithville Res.	7190	Ac	Mercury	Atmospheric Deposition	SW13,53N,33W		Clay		M
3134	Spillway Ditch			Sediment						H
1870	Spring Cr.	0.3	Mi	BOD, VSS	Salem WWTP	SW12,34N,6W	SE12,34N,6W	Dent		H
7187	Spring Fork Lake	178	Ac	Nutrients	Ag.NPS	SW21,44N,21W		Pettis		L
2835	St. Francis R.	3	Mi	BOD, NH3	Farmington W. WWTP	N19,35N,6E	SE11,35N,5E	St. Francois		H

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
710	Stinson Cr.	0.1 Mi	BOD, VSS,		Fulton WWTP	NE21,47N,9W	NE21,47N,9W	Callaway		H
1361	Stockton Br.	1.7 Mi	VSS		Stockton WWTP	NW4,34N,26W	SW4,34N,26W	Cedar		H
959	Straight Fk.	1.1 Mi	VSS		Versailles WWTP	SE24,43N,18W	C36,43N,19W	Morgan		H
686	Sugar Cr.	2 Mi	pH		Huntsville+Calfee AML	SE23,54N,15W	SW19,54N,14W	Randolph		M
3151	Swift Ditch	4 Mi	Mercury		Atmospheric Deposition	26,23N,14E	2,23N,14E	New Madrid		M
7313	Table Rock Res.	43100 Ac	Nutrients		Point&Nonpoint source	NW22,22N,22W		Stone		L
327	Third Fk. Platte River		Sediment							L
2850	Trace Cr.	1 Mi	pH		Natural	SE29,32,6E	NE29,32,6E	Madison		M
73	Troublesome Cr.	3.5 Mi	Manganese, Sediment		Natural	NE24,59N,7W	15,59N,7W	Marion		L
3217	Turkey Cr.	5 Mi	Zinc		Duenweg AML	35,28N,33W	9,27N,32W	Jasper		M
3216	Turkey Cr.	3.5 Mi	Zinc		Multiple Pb-Zn AMLs	SE29,28N,33W	35,28N,33W	Jasper		M
3282	Turkey Cr.	1.5 Mi	BOD, VSS		Bonne Terre WWTP	NE2,37N,4E	NE11,37N,4E	St. Francois		H
7032	Vandalia Lake	37 Ac	Atrazine		Corn & Sorghum Production	SE 12, 53N, 5W		Pike		H
2864	Village Cr.	0.5 Mi	NVSS		Mine La Motte AML	SW34,34N,7E	C34,34N,7E	Madison		H
2755	W. Fk. Black R.	0.2 Mi	Nutrients		Doe Run West Fk. Mine	SE1,32N,2W	SE1,32N,2W	Reynolds		L
613	W. Fk. Locust Creek		Unknown					Putnam		L
400	W. Fk. Sni-a-Bar Cr.	2 Mi	BOD, VSS		Lake Lotawana L.gn.	SE21,48N,30W	NW33,48N,30W	Jackson		H
1292	W. Fk. Tebo Cr.	7 Mi	Sulfate		Spangler AML	SE24,42N,25W	SE9,42N,25W	Henry		M
7453	Wallace SP Lake	6 Ac	Fecal Coliform		Unknown	NE24,56N,30W		Clinton		M
1339	Walnut Cr.	1 Mi	BOD, VSS		ElDorado Springs WWTP	SW8,36N,28W	NE17,36N,28W	Cedar		H
7087	Watkins Mill Lake	126 Ac	Fecal Coliform		Unknown	NW22,53N,30W		Clay		M
7071	Weatherby Lake	194 Ac	Mercury		Atmospheric Deposition	SE15,51,34		Platte		M
1505	Whetstone Cr.	2 Mi	BOD		2 Mtn. Grove WWTPs	C26,29N,13W	SW31,29N,12W	Wright		H
U	Willow Branch		Unknown			Putnam Cnty		Putnam		
2375	Wilson's Cr		Unknown toxicity							M

2002 WBID	Waterbody	Size	Units	Pollutant	Source	Downstream	Upstream	Dcounty	Ucounty	Priority for Analysis
7212	Winnebago Lake	350	Ac	Mercury	Atmospheric Deposition	NW9,46N,31W		Cass		M
46	Wyaconda R.	8	Mi	Manganese	Natural	NW30,61N,5W	15,61N,6W	Lewis		L